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Agricultural Memorandum No 798

Excess Winter Rain, 1975/6 up to end of February - L P Smith

The formulae of Ag Mem 781 were used on all available sample station data at the beginning of March to obtain an interim assessment of the water shortage.

The areal figures are given below for long-term median value and percentage to date. Figures in brackets are based on limited information.

Area	Median (mm)	1976 %	Area	Median (mm)	1976 %	Area	Median (mm)	1976 %
1 A	230	38	1 B	240	33	2	495	49
3	550	64	4	600	43	5	235	33
6	1200	64	7	360	47	8	600	68
9	310	58	10	670	55	11	335	44
12	195	15	13	200	37	14	305	38
15 A	355	(34)	15 B	250	(10)	16	170	(8)
17 A	155	4	17 B	190	17	18 A	285	(18)
18 B	355	(10)	19	235	(20)	20	230	12
21	200	3	22 A	205	0	22 B	170	0
23	130	8	24	160	25	25 A	270	18
25 B	430	26	26	255	4	27	205	5
28	130	4	29	140	23	30	290	21
31 A	210	4	31 B	315	(13)	32	240	(15)
33 A	195	(13)	33 B	125	30	34	175	49
35	360	35	36	315	(20)	37 A	280	(52)
37 B	315	40	38 A	300	51	38 B	206	63
39 A	210	50	39 B	200	88	40	500	67
41	600	(44)	42	690	45	43 A	900	35
43 B	525	26	44	725	(46)	45 A	395	(27)
45 B	385	38	46	310	40	47	465	(42)
48 A	1300	(68)	48 B	1100	(69)	49 A	675	(50)
49 B	710	(28)	50	700	33	51	1200	(39)
52	600	(36)	IOW	300	34			

Thus, up to the end of February, an area approximately bounded by the towns. Ripon - Hull - Cambridge - Guildford - Yeovil - Shrewsbury - Derby - Ripon, had had less than a quarter of their median excess winter rain, and in some cases in the English Midlands, the percentage was under 10 % or none at all.

Any comments or suggestions on this paper should be referred to the author.

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Bracknell

March 1976